



YSPM'S

Yashoda Technical Campus Satara

Faculty of MCA

A.Y 2023-2024

VOLUME:1 ISSUE:1

MCA-TIMES

"Crafting Tomorrow, today with MCA"



About Yashoda Technical Campus



Yashoda Technical Campus, Satara is one of the best Institute in Satara, established in 2011, nurtured and managed by Yashoda Shikshan Prasaarak Madal's, Satara. YSPM is functioning proactively to provide the best professional environment to Engineering and Management students in terms of academics, industry oriented trainings, sports, social, cultural, co-curricular and extracurricular activities etc. to create true aesthetically sensitive, socially committed and technologically competent engineers and management professionals. YSPM is by Approved by All India Council of Technical Education, Delhi & Directorate of Technical Education, Mumbai , Affiliated to Shivaji University Kolhapur , and accredited by NAAC B+.

About MCA Department



The Department of MCA was established in 2011-12 with affiliation to Shivaji University, recognized by Directorate of Technical Education, Maharashtra State & AICTE, and New Delhi with an initial intake of 60 students for PG Programme, the intake has increased from 60 to 180 in Academic Year 2023-2024.

We are running Two Year Master programs in Computer Application. The Department has well qualified and experienced faculty members and technically competent supporting staff.

Our Inspiration



Dear Students, Faculty, and Esteemed Readers,

It is with great pride and enthusiasm that I welcome you to this latest edition of our MCA departmental magazine. This publication is a testament to the vibrant academic and creative spirit that defines our department and the broader community.

Over the past year, we have witnessed remarkable achievements and milestones. Our students have excelled not only in their academic pursuits but also in various extracurricular activities, showcasing their talents and dedication. The faculty's unwavering commitment to providing top-notch education and fostering a nurturing learning environment continues to inspire and shape future leaders in the field of computer applications.

This magazine serves as a platform to celebrate our collective accomplishments, share knowledge, and foster a sense of unity among us. It is a reflection of the hard work, innovation, and collaboration that are the hallmarks of our department. The articles, projects, and stories featured here are a glimpse into the diverse and dynamic world of our Yashoda Technical Campus community.

As we move forward, let us continue to strive for excellence, embrace new challenges, and support each other in our endeavors. Together, we can achieve great heights and make a significant impact in the ever-evolving field of computer science.

I extend my heartfelt gratitude to the editorial team, contributors, and everyone involved in bringing this magazine to life. Your dedication and creativity are truly commendable.

Happy reading, and may this edition inspire and motivate you.

Warm regards,

Prof. Dasharath B. Sagare

Founder-Presidentt

Yashoda Shikshan Prasarak Manadal, Satara

Message From Director



Dear Reader,

Greetings All! Presenting “MCA Times” is a matter of great pleasure of the whole Yashoda Technical Campus family. At the first sight it is a compendium summarizing the departmental activities and achievements at faculty and student level. I would like to congratulate the Department of MCA for taking an initiative to release the departmental magazine biannually. It reflects the handwork, dedication and talent of the editorial team behind “MCA Times”. The editorial team has initiated something that will continue to help and guide present and upcoming students of the Department.

I appreciate the efforts of Dr. Patil Smita, Head of Department of MCA for her commitment and visionary approach. I expect in the future she will continue in the same league. Needless to say, the contribution of faculties in terms of student studies is praiseworthy.

Further, I would like to appreciate Editors Prof. Snehal Jadhav and Prof. Triveni Kirdat for presenting the magazine of the department in its present form.

Dr. Vivekumar K. Redasani
Director
Yashoda Technical Campus, Satara

Message From Head of Department of MCA



Warm Greetings !!

It gives me immense pleasure to announce that the Department of Master of Computer Application is releasing its first magazine for the AY 2023-24 even semester. The aim of releasing this magazine is to summarize the activities and achievements of faculty and students of MCA department carried out in the department. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them.

I would like to congratulate faculty coordinator and all the student members of Editorial Team for collaborating their efforts and releasing the first volume of magazine “ MCA Times “ .

I, as the Head of the Department would take this opportunity to thank all the faculty members, non-teaching staffs and students for their limitless support and sincere efforts for the betterment and development of department.

Dr. Patil Smita Pradip
Head of Department
Faculty of MCA,
Yashoda Technical Campus, Satara.

Editorial Board

Our MCA Magazine Team



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Student Coordinator

Vision and Mission of MCA Department

Vision : Empowering future technology leaders through excellence in education, research, and innovation.

Mission :

- To provide students and faculty with continuous learning opportunities, enabling them to acquire higher qualifications and expertise in the field of computer applications.
- To deliver quality education through innovative teaching methods, fostering academic competency, credibility, and integrity in computer application.
- To prepare students with the skills and mindset to address the evolving needs of the industry and society.

Program Educational Objectives

PEO1: Technical Expertise: Implement fundamental domain knowledge of core courses for developing effective computing solutions by incorporating creativity and logical Reasoning.

PEO2: Successful Career: Deliver professional services with updated technologies in Computer application based Career.

PEO3: Interdisciplinary and Life Long Learning: Develop leadership skills and incorporate ethics, team work with effective communication & time Management in the profession. Undergo higher studies, certifications and Technology research as per market needs.

Program Specific Outcomes

PSO 1. Ability to pursue careers in IT industry/ consultancy/ research and development, teaching and allied areas related to computer applications.

PSO 2. Comprehend, explore and build up computer programs in the areas allied to Algorithms, System Software, Multimedia, Web Design and Big Data Analytics for efficient design of computer-based systems of varying complexity.

Program Outcomes

PO1: Computational Knowledge: Understand and apply mathematical foundation, computing and domain knowledge for the conceptualization of computing models from defined problems.

PO2: Problem Analysis: Ability to identify, critically analyze and formulate complex computing problems using fundamentals of computer science and application domains.

PO3: Design / Development of Solutions: Ability to transform complex business scenarios and contemporary issues into problems, investigate, understand and propose integrated solutions using emerging technologies.

PO4: Conduct Investigations of Complex Computing Problems: Ability to devise and conduct experiments, interpret data and provide well informed conclusions.

PO5: Modern Tool Usage: Ability to select modern computing tools, skills and techniques necessary for innovative software solutions.

PO6: Professional Ethics: Ability to apply and commit professional ethics and cyber regulations in a global economic environment.

PO7: Life-long Learning: Recognize the need for and develop the ability to engage in continuous learning as a Computing professional.

PO8: Project Management and Finance: Ability to understand, management and computing principles with computing knowledge to manage projects in multidisciplinary environments.

PO9: Communication Efficacy: Communicate effectively with the computing community as well as society by being able to comprehend effective documentations and presentations.

PO10: Societal & Environmental Concern: Ability to recognize economical, environmental, social, health, legal, ethical issues involved in the use of computer technology and other consequential responsibilities relevant to professional practice.

PO11: Individual & Team Work: Ability to work as a member or leader in diverse teams in multidisciplinary environment.

PO12: Innovation and Entrepreneurship: Identify opportunities, entrepreneurship vision and use of innovative ideas to create value and wealth for the betterment of the individual and society.

MCA-Times

"Crafting Tomorrow, today with MCA"

CONTENTS

- Cover Story
- Current Trends in MCA
- Talking Point
- Coding Challenges
- Departmental Events
- Student Corner
- Faculty Corner
- Departmental News
- Frequently Asked Questions

Cover Story: Sudha Murthy - A Beacon of Inspiration



The Visionary Trailblazer

In the ever-evolving landscape of technology and education, Sudha Murthy stands as a luminous beacon of inspiration. Her journey is a testament to the power of knowledge, resilience, and a relentless pursuit of excellence. As we delve into the life and achievements of this remarkable individual, we uncover a narrative that is as compelling as it is motivational.

Early Life and Education

Sudha Murthy, formerly known as Sudha Kulkarni, was born on August 19, 1950, in Shiggaon, Haveri, [Karnataka](#), India. She was raised in a Kannada-speaking family, her father being a surgeon, and her mother a school teacher. Her upbringing was strongly influenced by her parents and maternal grandparents. These early experiences sowed the seeds for her first notable work, "How I Taught My Grandmother to Read," which was followed by "Wise and Otherwise" and other captivating stories.

Educationally, Sudha Murthy is a distinguished alumnus of Fergusson College, Pune. She obtained her BEng in Electrical and Electronics [Engineering](#) from the B.V.B. College of Engineering & Technology (now known as KLE Technological University).

Her academic journey continued with an MEng in Computer Science from the prestigious Indian Institute of Science, an institution renowned for producing some of India's finest minds.

Breaking Barriers

Sudha Murthy's entry into the professional world was groundbreaking. As the first female engineer hired at India's largest auto manufacturer, Tata Engineering and Locomotive Co. (TELCO), she broke gender barriers in an industry dominated by men. Her perseverance and technical prowess not only earned her a place in history but also paved the way for future generations of women in STEM fields.

Philanthropy and Social Impact

Beyond her professional achievements, Sudha Murthy is renowned for her extensive philanthropic work. As the chairperson of the Infosys Foundation, she has spearheaded numerous initiatives in healthcare, education, and rural development. Her commitment to social causes has transformed countless lives, making her a true champion of societal betterment.

Personal Life

Sudha Murthy's personal life reflects her strong family bonds and the pursuit of her [passions](#). She is married to N. R. Narayana Murthy, the co-founder of Infosys, and together they form a power couple known for their dedication to social causes. Their two children, including the renowned fashion designer Akshata Murty, are a testament to their harmonious family life.

Sudha Murthy's siblings include prominent personalities such as Caltech [astrophysicist](#) Shrinivas Kulkarni and Jaishree Deshpande, who co-founded the Deshpande Center for Technological Innovation at MIT. Her familial relationships are a reflection of her commitment to fostering excellence in various fields.

Literary Contributions

A prolific writer, Sudha Murthy has penned numerous books that reflect her keen insights into human nature and society. Her literary works, ranging from children's books to novels and travelogues, have captivated readers worldwide. Her storytelling prowess and ability to weave moral lessons into engaging narratives have earned her a place among India's most beloved authors.

Recognition and Awards

Sudha Murthy's contributions have been recognized with numerous awards and honors. From the Padma Shri in 2006 to honorary doctorates from various universities, her accolades are a testament to her multifaceted impact on society. These recognitions underscore her dedication to excellence and her unwavering commitment to making a difference.

A Role Model for Future Technocrats

For the students of the MCA department at Yashoda Technical Campus, Sudha Murthy's story is a source of immense inspiration. Her journey from a small town in Karnataka to becoming a global icon in technology and philanthropy exemplifies the boundless possibilities that education and determination can unlock.

As future technocrats, you are poised to shape the digital landscape and drive innovation. Let Sudha Murthy's legacy guide you in your endeavors, reminding you that with hard work, integrity, and a passion for learning, you too can achieve greatness and contribute meaningfully to society.

Conclusion

Sudha Murthy's life is a remarkable journey of triumphs and contributions. Her story is not just about personal success but also about giving back to society and uplifting others. As we celebrate her achievements, we are reminded of the profound impact one individual can have on the world. Her journey encourages us to dream big, break barriers, and lead with compassion.

Current Trends in MCA Research Methodology



Research methodology is a fundamental aspect of academic inquiry, especially for students pursuing a Master of Computer Applications (MCA). It encompasses the systematic processes and techniques utilized to collect, analyse, and interpret data. For MCA students, mastering research methodology is crucial as it equips them with the tools necessary to conduct rigorous and credible research in the field of computer science and information technology.

Key Components of Research Methodology

Research Design: This is the blueprint for the research project, outlining the procedures for collecting, measuring, and analysing data. It includes selecting the research type (qualitative, quantitative, or mixed methods) and determining the research strategy (experimental, survey, case study, etc.).

Data Collection Methods: MCA students must be adept at various data collection techniques, such as surveys, interviews, observations, and using existing data sources. In computer science, this could also involve experiments and simulations to test algorithms and software performance.

Data Analysis: Analysing collected data accurately is pivotal. Students use statistical tools and software (like SPSS, R, or Python) to interpret data, draw conclusions, and validate hypotheses. For computer science research, this might also involve coding, debugging, and software testing.

Ethical Considerations: Ethical standards in research ensure the integrity and credibility of the study. MCA students must be aware of issues such as plagiarism, data falsification, and the importance of obtaining informed consent from participants.

Reporting and Documentation: Clear and structured reporting of research findings is essential. Students should learn to write research papers, theses, and technical reports that effectively communicate their methodology, findings, and implications.

By understanding and applying robust research methodologies, MCA students can contribute significantly to advancements in computer science and develop skills that are essential for their academic and professional careers.

Artificial Intelligence



Artificial Intelligence (AI) is at the forefront of technological innovation, transforming industries and redefining the future of computer science. For Master of Computer Applications (MCA) students, AI represents a dynamic and promising field of study that offers both academic and professional growth opportunities. Understanding AI's core concepts, current applications, and future potential is essential for aspiring computer scientists and IT professionals.

Skills and Knowledge for MCA Students

For MCA students, delving into AI involves acquiring a diverse set of skills and knowledge:

Programming and Algorithms: Proficiency in programming languages like Python, R, and Java is essential for developing AI models. Understanding algorithms and data structures is fundamental to implementing efficient AI solutions.

Data Science and Machine Learning: Knowledge of data analysis, machine learning techniques, and statistical methods is crucial. Students should familiarize themselves with libraries and frameworks such as TensorFlow, Keras, and Scikit-learn.

Ethics and AI Governance: As AI continues to evolve, ethical considerations and governance are becoming increasingly important. MCA students should be aware of issues related to data privacy, bias, and the societal impact of AI.

The Future of AI and Career Opportunities

The future of AI holds immense potential, with advancements in areas like quantum computing, edge AI, and human-AI collaboration. For MCA students, this translates into a wealth of career opportunities in fields such as AI research, data science, software development, and robotics engineering. Industries ranging from healthcare to entertainment are seeking AI specialists to drive innovation and solve complex problems.

By embracing AI and staying updated with the latest trends and developments, MCA students can position themselves at the cutting edge of technology. Engaging with AI through projects, internships, and continuous learning will not only enhance their academic journey but also pave the way for a successful and impactful career in the ever-evolving world of artificial intelligence.

Web Technology



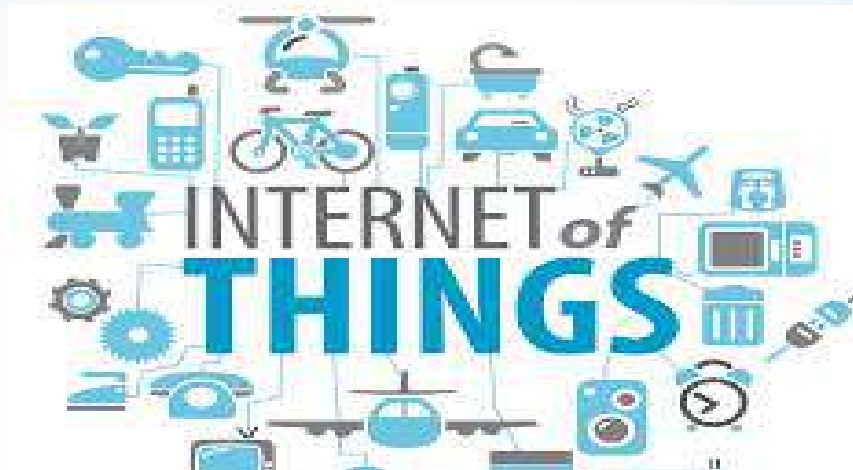
Web technology is a means of communication between computers using markup languages and multimedia packages. It enables a way to interact with hosted information such as websites. It primarily uses hypertext markup language (HTML) and cascading style sheets (CSS) to achieve this functionality.

Web Technology refers to a range of methods and tools that are used in the process of communication between different devices via the Internet. To access web pages, a web browser is utilized. A web browser is a software application that enables the display of text, data, images, animation, and videos on the Internet. Web technology comprises many areas, including web design, web development, web servers, web browsers, e-commerce, and content management systems.

Classification of Web Technology

- World Wide Web (WWW): It enables users to browse and access information through web browsers.
- Web servers: They process requests and send responses to web browsers.
- Web browsers: They are the tools we use to look at web pages
- HTML: It's a language that helps structure and show content on web pages.
- CSS: It helps make web pages look pretty by adding colors, fonts, and styles.
- JavaScript: It's a language that makes web pages do cool stuff like animations and interactive features.

Internet of Things



IoT stands for Internet of Things. It refers to the interconnectedness of physical devices, such as appliances and vehicles, that are embedded with software, sensors, and connectivity which enables these objects to connect and exchange data. This technology allows for the collection and sharing of data from a vast network of devices, creating opportunities for more efficient and automated systems.

Four Key Components of IOT

- Device or sensor
- Connectivity
- Data processing
- Interface

Main Components Used in IoT

- Low-power embedded systems: Less battery consumption, high performance are the inverse factors that play a significant role during the design of electronic systems.
- Sensors: Sensors are the major part of any IoT application. It is a physical device that measures and detects certain physical quantities and converts it into signal which can be provided as an input to processing or control unit for analysis purpose.
- Connectivity: The connectivity is an important aspect of embedding IoT devices to interact with data modules and objects.

Block Chain Technology



At its core, a blockchain is a decentralized, distributed ledger that records transactions across multiple computers. This ensures that the recorded transactions cannot be altered retroactively, providing a high level of security and transparency. Each block in the chain contains a list of transactions, and once a block is completed, it is linked to the previous block, forming a chain.

Key Features of Blockchain Technology

Decentralization: Unlike traditional centralized databases, a blockchain operates on a peer-to-peer network. This means that no single entity has control over the entire blockchain, reducing the risk of centralized manipulation or failure.

Immutability: Once a transaction is recorded on the blockchain, it cannot be altered or deleted. This immutability ensures the integrity and trustworthiness of the data.

Security: Blockchain uses advanced cryptographic techniques to secure data. Each block is linked to the previous block through a cryptographic hash, making it extremely difficult for malicious actors to alter the information.

Applications of Blockchain Technology

Cryptocurrencies: The most well-known application of blockchain is in the creation of cryptocurrencies like Bitcoin and Ethereum. These digital currencies operate on blockchain technology, allowing for secure and transparent peer-to-peer transactions.

Supply Chain Management: Blockchain can enhance the transparency and traceability of supply chains. By recording each step of the supply chain process on a blockchain, companies can ensure the authenticity and quality of their products.

Healthcare: Blockchain can be used to securely store and share patient medical records. This can improve the accuracy of diagnoses and treatments, while also ensuring patient privacy.

Finance: Blockchain is revolutionizing the financial sector by enabling faster, more secure, and transparent transactions. It can streamline processes such as cross-border payments, securities trading, and regulatory compliance.

Voting Systems: Blockchain technology can provide secure and transparent voting systems, ensuring that each vote is accurately recorded and verifiable, reducing the risk of electoral fraud.

By Prof. Triveni Kirdat

Talking Point

Alumni



Mr. Tejas Shelar

MCA

Allianz Technology Pune

11 LPA

Graduation Year: 2020

Current Position: Senior Software Engineer.

As an alumni of Yashoda Technical Campus Faculty of MCA, I can confidently say that my time there was pivotal in shaping my career and personal development. The rigorous curriculum challenged me to think critically and solve complex problems, skills that are invaluable in my current role as a Senior Software Engineer.

The supportive faculty and collaborative learning environment provided a solid foundation in computer science while encouraging creativity and innovation. Beyond academics, the diverse student community and numerous extracurricular activities allowed me to develop strong communication and leadership skills.

The connections I made and the experiences I had at Yashoda Technical campus Satara have been instrumental in my professional journey. I'm proud to be an alumni and i am grateful for the opportunities and lifelong friendships that my university experience provided. I highly recommend Yashoda Technical Campus to anyone looking to push boundaries and achieve their full potential."

Talking Point



Mr. Akshay Sankpal

MCA

Mindbrowser. Info. Solution. Pvt. Ltd

4 LPA

Graduation Year: 2023

Current Position: Associate Marketing Executive

My time at Yashoda Technical campus was transformative. The quality of education and the support from faculty and staff played a crucial role in shaping my career. The curriculum was rigorous and relevant, equipping me with the knowledge and skills needed to succeed in industry field.

The campus community was vibrant and diverse, providing numerous opportunities for personal and professional growth. I was involved in [Clubs/Organizations/Extracurricular Activities], which helped me develop leadership and teamwork skills.

The internships and networking opportunities facilitated by Yashoda Technical Campus Satara, were instrumental in securing my current position as Associate Marketing Executive . The connections I made and the experiences I gained have been invaluable.

I am grateful for the education I received at Yashoda Technical campus faculty of MCA, and I highly recommend it to anyone looking to advance their career and personal development.

Talking Point

Placed Student



Ms. Radha Kulkarni
Deloitte USI
6.8 LPA
Pune

I am immensely grateful for the enriching experience I had while pursuing my Master of Computer Applications (MCA) at Yashoda Technical Campus. This program has been a transformative journey that has equipped me with the skills and knowledge needed to excel in the ever-evolving field of technology.

From the very beginning, the curriculum was comprehensive and well-structured, covering a wide array of subjects such as advanced programming, database management, software engineering, and artificial intelligence. The hands-on projects and assignments were instrumental in reinforcing theoretical concepts and providing practical experience.

The faculty at Yashoda Technical Campus Satara are exceptional. Their expertise and dedication to teaching were evident in every lecture and lab session. These experiences not only enhanced our technical skills but also improved our problem-solving abilities and teamwork.

Degree: Master of Computer Application

Graduation Year: 2024

Current Position: SAP Basis Analyst

Talking Point



Mr. Ganesh Deokar
MCA
ISG eSolutions Pvt. Ltd.
7.2 LPA
Mumbai Ghatkopar

I am immensely grateful for the opportunities and experiences I gained during my time in the MCA program. The curriculum was comprehensive, covering a wide range of topics from fundamental programming to advanced data science. The faculty were not only knowledgeable but also very supportive; always ready to help us understand complex concepts and provide guidance on our projects.

I also appreciated the extracurricular activities and the vibrant campus life. The various technical events and seminars enriched my learning experience and allowed me to network with industry professionals.

Overall, the MCA program not only equipped me with the technical skills needed in the IT industry but also instilled in me the confidence to face challenges head-on. I am proud to be an alumnus of this esteemed institution and highly recommend this program to anyone looking to build a successful career in computer applications.

Degree: Master of Computer Application

Graduation Year: 2024

Current Position: Senior Software Engineer ISG eSolutions Pvt. Ltd.

Coding Challenge

```
// Function to find the missing number
function findMissing(arr, N) {
    let i;

    // Create an Array of size N
    // and filled with 0
    let temp = new Array(N).fill(0);

    // If array element exist then
    // set the frequency to 1
    for (i = 0; i < N; i++) {
        temp[arr[i] - 1] = 1;
    }

    let ans = 0;
    for (i = 0; i <= N; i++) {
        if (temp[i] === 0)
            ans = i + 1;
    }
    console.log(ans);
}

// Driver code
let arr = [1, 3, 7, 5, 6, 2];
let n = arr.length;

// Function call
findMissing(arr, n);
```

Output

4

24) Accept Array of size 5 from user and display the pair of numbers whose sum is equal as entered no.

```
*/
import java.util.*;
class ArrayDemo24
{
public static void main(String args[])
{
int a[] = new int[5];
int i, j, n, sum;
Scanner sc = new Scanner(System.in);

System.out.print("Enter Array Of Size 5 = ");
for(i=0; i<a.length; i++)
{
a[i] = sc.nextInt();
}

System.out.print("Enter No. = ");
n = sc.nextInt();

for( i = 0; i < a.length; i++)
{
for( j = i + 1; j<a.length; j++)
{
sum = a[i] + a[j];
if(sum == n )
{
System.out.println(a[i] + " " + a[j]);
}
}
}

System.out.println("No Other numbers Found");
}
}

```

Activate Windows
Go to Settings to activate Windows.

Output

```
java -cp /tmp/knQ5ix0U51/ArrayDemo24
```

```
Enter Array Of Size 5 = 5 2 6 8 3
```

```
Enter No. = 11
```

```
5 6
```

```
8 3
```

```
No Other numbers Found
```

```
=== Code Execution Successful ===
```

Aim:- Take three fuzzy variables as service, food and tip (make sub-partitions of these three variables), Assign values to the variables.

Set up rules as

i) If service is poor or food is rancid, then tip is cheap

ii) If service is good, then tip is average

iii) If service is excellent or food is delicious, then tip is generous

Plot the graphs for each of them.

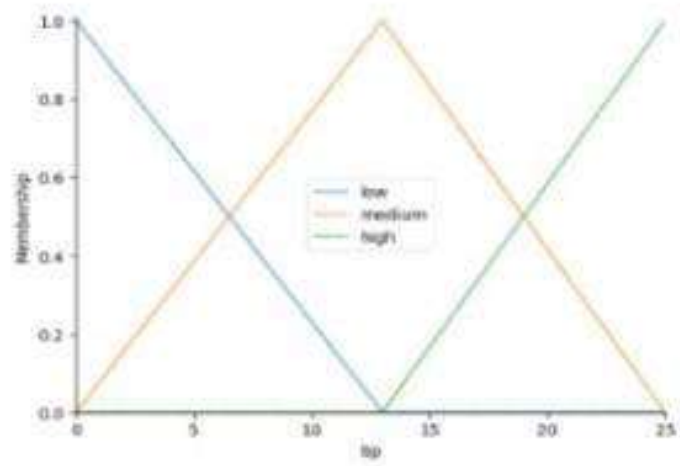
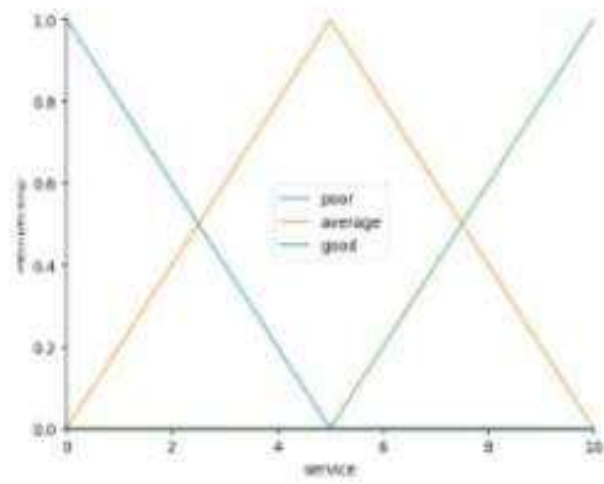
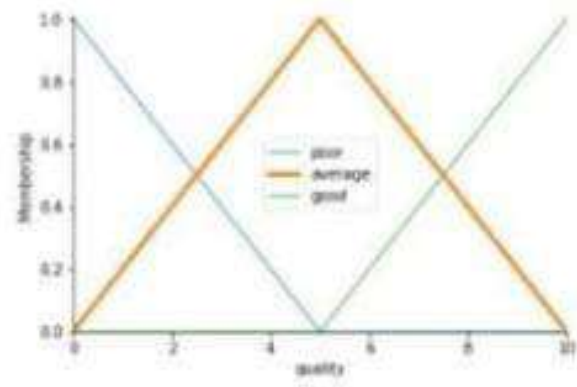
Code:

```
import numpy as np
import skfuzzy as fuzz
from skfuzzy import control as ctrl
# New Antecedent/Consequent objects hold universe variables and membership# functions
quality = ctrl.Antecedent(np.arange(0, 11, 1), 'quality')
service = ctrl.Antecedent(np.arange(0, 11, 1), 'service')
tip = ctrl.Consequent(np.arange(0, 26, 1), 'tip')
# Auto-membership function population is possible with .automf(3, 5, or 7)
quality.automf(3)
service.automf(3)
# Custom membership functions can be built interactively with a familiar,
# Pythonic API
tip['low'] = fuzz.trimf(tip.universe, [0, 0, 13])
tip['medium'] = fuzz.trimf(tip.universe, [0, 13, 25])
tip['high'] = fuzz.trimf(tip.universe, [13, 25, 25])

quality['average'].view()

service.view()
tip.view()
```

Output:



Departmental Events

Industrial Visit at Infosys India



Infosys India had arranged Student Connect meet in their Pune Campus. Nearly 20+ colleges joined the connect and participated in various activities. Yashoda Technical Campus, Satara was a part of the meet, where nearly 100+ Post Graduation Students from MBA and MCA department were present. Students were given exposure to areas like BPM and Data Analytics, insights regarding the same were given and multiple activities has performed.

Student Development Program



MCA department has organized two days Student Development Program on Soft Skill Training on 23rd and 24th January 2024 from 10:00 AM onwards to get more information about the Grammar and Personality Development. Prof. Shirin Sayyad madam was the resource person of the SDP.

This SDP could help the students to a great extent in respect of their doubts in their respective fields, as number of students are facing lots of problems in the field of Personality Development. This SDP helped the students to enhance their knowledge of Personality Development. The session was about to give the basic information of grooming skills and behavior in corporate world.

Madam has given the knowledge of dealing in corporate world with your skills and confidence is very important. She explained to the students about grooming sessions, activities, trainings etc.

students can change their approach with this session the confidence level, problems tackling in corporate world and presenting the best by your way.

Guest Lecture on Patent , Trademark and Copyright



MCA department has organized Guest Lecture on Innovation and Patent, Trademark and Copyright. Mr. Dhiraj Godse sir explained from very basic that is what is patent? What is trademark? What is Copyright?

Sir has explained about the Intellectual Property Right(IPR). Novelty of the patent, the innovation has to be inventive, Utility of the innovation and prior use of the innovation. These are essential for the grant of patents and non-fulfillment of the same can be a ground for the disqualification of the same. The next major object focused by the sir is the necessity of the patent search and importance of the R&D. It is very necessary to ensure the nonexistence of the opposition for the same. It is very necessary to ensure the nonexistence of the opposition for the same.

sir has gave brief knowledge on patents, how to apply, filing, how to protect the patent and what are the different strategies in India to get a Patent. Also, he explained about the benefits of IPR and how to get approval from various agencies. Faculty and MCA Students nearly members got immensely benefited from his lecture.

Guest Lecture on Set your Standard

YSPMs Yashoda Technical Campus
- Faculty of MBA & MCA

SET YOUR STANDARD

Ace that Interview!

TUESDAY
30- JANUARY 2024

TIME
12.00 - 01.00 PM

SPEAKER
MR. NIMAL SHAH
MASTER COACH
(COMMUNICATION,
INTERVIEW, & SOFT SKILLS)

CONTACT US
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Yashoda Technical Campusa, Satara Faculty of MBA and MCA has organized a Guest lecture on “SET YOUR STANDARD” for the students of MCA and MBA. The guest lecture on Set Your Standard was conducted on 30/01/2024 in Mechanical Seminar Hall by Mr.Nimal Shah, Master Coach (Communication, Interview, and Soft Skills).

Life skills as the word describes, are abilities required to effectively deal with the demands and the challenges of life. Students required life skills to lead a happy life with positive attitude that enables them to become an engaged member of the society. But what sprouts as a gap here is the mismatch between what students learn during their lessons and what they face outside the classroom.

Sir has discussed on various aspects of interview process and questions asked normally in the interviews. He gave deep insights of mistakes which candidates make while attending interviews and explained about overcoming from those mistakes.

International Level Student Workshop Data Science Using Python- BRAIN O VISION- AICTE



MCA Department in association with Brain O vision has organized the 5 days' student workshop on Data Science using Python, held from 19th February to 23rd February 2024. The workshop featured esteemed Chief Guest Dr. Buddha Chandrasekhar, Chief Coordinating Officer of AICTE, who is dedicated to making India the education and knowledge capital of the world. With participation from over 250 host colleges and a staggering 70,000+ students, the event was a resounding success, showcasing the global interest and enthusiasm for data science education.

The session was about to give the prerequisites and insights of basic data science approach. The mechanism to understand the data science is very vivid with its platform.

The Session was about to understand the dataset preparation and steps required for the same.

The steps are as follows:

- Data Collection
- Data Cleaning
- Data Exploration
- Data Transformation
- Feature Extraction

Research Methodology Workshop

Who Should Attend
Students & Faculty
Co-ordinator

Fee Details
Per Student:
Rs.100/-

*Please scan & pay here to register

Date
6th & 7th March 2024

Venue
Yellow Seminar Hall
Faculty of Engineering

Who Should Attend
Students & Faculty
Co-ordinator

Fee Details
Per Student:
Rs.100/-

*Please scan & pay here to register

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Rs.100/-

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Date
6th & 7th March 2024

Venue
Yellow Seminar Hall
Faculty of Engineering



A two days workshop on “Research Methodology” was organized for the Students of MCA on 6th March 2024 and 7th March 2024. The main Aim of the Workshop is to enhance the Research Paper skills of the students and to create awareness about how to publish research paper. The two days workshop was arranged by Dr. Smita Patil Ma’am, Head Department of MCA & and all the staff. There are 78 plus students are registered for the two days workshop.

The session was about , How to collect the data, after collecting data how we can analyze those data? What is hypothesis? the doubts and mechanism of research has been briefly explained.

in this interactive session speakers has explained what is plagiarism? How to remove plag? Which software is used to check plagiarism? There are so many Software for check the plagiarism like Plagarism checker, DupliCheacker, Turnitin and so many softwares are available to check the plag.

overall the session was very interactive to all the students according to research and the applied methodologies of research.

Artificial Intelligence Workshop



Faculty of MCA has organized Two days workshop on Artificial Intelligence on the 18th March 2024 and 19th March 2024 for MCA II students. The main objective of the workshop is to introduce the subject of AI and its scope for stimulating interest on the subject in the participants. Syllabus for the workshop has been formulated accordingly and included Why AI?, Knowledge Ladder, Basics of Artificial Neural Networks, Feed forward and back propagation, Relationship between AI, Big Data, Machine Learning, Deep Learning and other related topics. The workshop will also indicate ways to take advantage of the early start on the subject so that participants can pursue the subject further either following the formal curriculum or on his/her own.

Artificial neural networks have emerged from the studies of how brain performs. The human brain consists of many millions of individual processing elements, called neurons that are highly interconnected. Information from the outputs of the neurons, in the form of electric pulses is received by the cell connections called synapses. The synapses connect to the cell inputs, or dendrites and the single output of the neuron appears at the axon.

Sports and Cultural Events

Annual Sports Day



The Annual sports Day of Yashoda Technical Campus, faculty of MCA was celebrated from 10th to 12th January, for the Post Graduates within the Campus. It included indoor sports namely Carrom, Table Tennis, Chess and outdoor games namely Kho-Kho, Kabaddi, Volley Ball, Throw Ball and Cricket. The outdoor sports also was inclusive of some athletics events namely disc throw, Javelin throw, 100 meters running,

Girls Team won Throw Ball and Boys won Cricket match. Also, in athletics we had numerous winners. The air is charged with the spirit of competition as athletes showcase their prowess in a kaleidoscope of events. Beyond the competitive edge, Sports Day fosters a sense of camaraderie, where participants forge bonds that extend beyond the track. The colors of jerseys, the palpable energy, and the collective pride make Sports Day a spectacle that transcends mere athleticism – it's a celebration of human potential, unity, and the sheer joy of pushing one's limits.

Annual Yashotsav 2023-2024



The Yashotsav cultural program 2023-2024 has been organized by Yashoda Institutes in that program Department of MCA has participated with very enthusiastic way the girls participants had performed on folk Rajasthani-Gujarathi theme dance. the Program was a resounding success, achieving its objectives and providing an enriching experience for all participants and attendees. The event was a testament to the talent and enthusiasm of the MCA students and highlighted the importance of cultural activities in fostering a vibrant and cohesive community.

The yashotsav event has included the numerous cultural forms as the theme dance, mime acts, roleplays, folk dance, solo dance , solo singing, kattrhak dance form such events give enthusiasm and encouragement to the participants .

Traditional Day



Traditional Day at Yashoda Institutes sounds like a wonderful event! It is usually a day where girl students and female staff wear sarees. and for boys Students and male staff the wearing was traditional outfit. This day prominently celebrate Indian culture and tradition. the occasion includes various activities such as cultural programs, fashion shows, and photo sessions.

Students and faculties have wore the beautiful sarees and the cherry on cake was the Nath. Photo sessions and cultural program were the best part of the traditional day. Students have arranged various theme dance forms, some acts and presented themselves in front of the judges.

Shivarajyabhishek Sohala at Shivaji University Kolhapur



The celebration of Shivrajyabhishek at Shivaji University in Kolhapur was a grand event marked by historical reverence and cultural pride. This event commemorates the coronation of Chhatrapati Shivaji Maharaj, a pivotal figure in Maratha history.

Two of Yashoda Technical Campus Satara's faculty members were present for that event Ms.Vanmala Kadam and Ms. Pranjali Gade.

The ceremony at Shivaji University featured a series of traditional and cultural activities.

The event began with the ritualistic worship of a golden statue of Chhatrapati Shivaji Maharaj, followed by performances of Marathi folk music and martial arts demonstrations. These activities were designed to honor the valour and legacy of Chhatrapati Shivaji Maharaj.

Activities of MCA Department



World Salutation Day



Zonal Sports Day



Farewell 2024



Cleaning Activity



Pariksha Pe Charcha



Namonav Matdata Sammelan

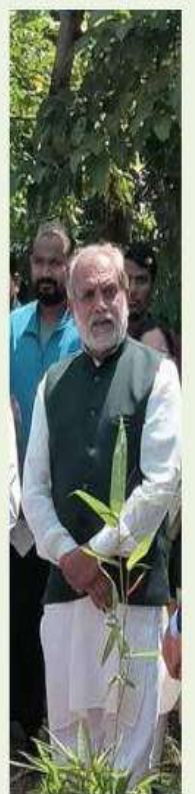


Womens Day Celebration



Hands on Training

Tree Plantation



Student Corner



**Rangoli by
Ms. Priyanka Salunkhe**



**Photography by
Ms. Nikita Gaikwad**



**Sketch by
Ms. Supriya Patil**



**Photography by
Ms. Prachi Ghorpade**



**Photography by
Haripriya Shindagikar**



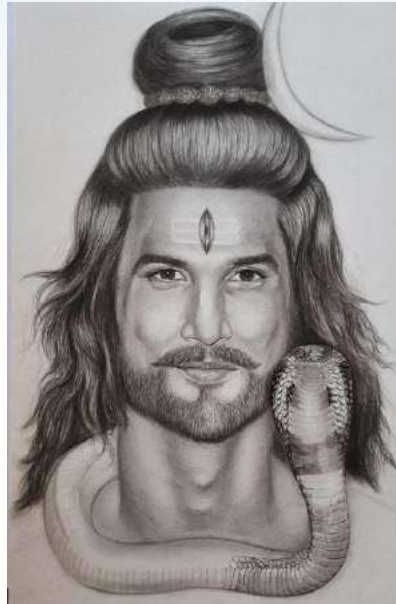
Poster by Mr. Omkar Kadam



Photography by Ms. Renuka Kadam



**Mandala Art by Ms.
Supriya Patil**



**Sketch by Mr.
Aditya Shinde**



**Photography by
Ms. Pradnya More**



**Sketch by Ms.
Rajvardhini Mane**



**Photography by
Jagtap Ajinkya**



**Photography by
Ms.Afsana Pirjade**



**Mehendi by
Ms. Riddhi Pawar**



**Photography by
Ms. Sayali Patil**



Photography by Wadate Tejas



**Food Decoration by
Ms. Anjali Bhosale**

Faculty Corner



Photography by
Prof. Vanmala Kadam



Photography by
Prof. Pranjali Gade



Photography by
Prof. Snehal Jadhav



Photography by
Prof. Pranjali Gade



Sketch by
Prof. Triveni Kirdat



Creativity by
Prof. Vanmala Kadam



Mehendi by
Prof. Triveni Kirdat



Creativity by
Prof. Vanmala Kadam

Departmental News

पुण्य नगरी

पुण्य नगरी

यशोदा इन्स्टिट्यूटमधील एमसीए कोर्समुळे करिअरच्या असंख्य संधी



यशोदा शिक्षण प्रसारक मंडळ यांच्या वतीने सुरु झालेल्या एमसीए कोर्समुळे करिअरच्या असंख्य संधी उपलब्ध आहेत. यशोदा इन्स्टिट्यूटमधील एमसीए कोर्समुळे करिअरच्या असंख्य संधी उपलब्ध आहेत. यशोदा इन्स्टिट्यूटमधील एमसीए कोर्समुळे करिअरच्या असंख्य संधी उपलब्ध आहेत.

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'यशोदा इन्स्टिट्यूट्स': विद्यार्थी केंद्रित दर्जेदार तांत्रिक शिक्षण देणारी संस्था

यशोदा इन्स्टिट्यूट्स ही एक अत्याधुनिक आणि दर्जेदार तांत्रिक शिक्षण देणारी संस्था आहे. यशोदा इन्स्टिट्यूट्स ही एक अत्याधुनिक आणि दर्जेदार तांत्रिक शिक्षण देणारी संस्था आहे.

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Smart Satara Edition
Jul 12, 2023 Page No. 3

पुण्य नगरी

यशोदा इन्स्टिट्यूटचे कॅम्पस प्लेसमेंटमध्ये यश

इंजिनिअरिंग, पॉलीटेक्निक, फार्मसी, एमबीए आणि एमसीएच्या विद्यार्थ्यांची निवड

यशोदा शिक्षण प्रसारक मंडळ संचालित यशोदा टेक्निकल कॅम्पसच्या विद्यार्थ्यांनी कॅम्पस ड्राईव्हद्वारे घेण्यात आलेल्या मुलाखतीमध्ये यशस्वीत यश साधून केले. यशोदा कॅम्पस वर्ष २२-२३ या वर्षातील इंजिनिअरिंग पॉलीटेक्निक, फार्मसी एमबीए आणि एमसीए अशा सर्वच विद्या शाखांमध्ये एकूण ३०० हून अधिक विद्यार्थ्यांची विविध कंपन्यांद्वारे निवड करण्यात आली.



कॅम्पस प्लेसमेंटमध्ये यशस्वी झालेल्या विद्यार्थ्यांसमवेत प्रा. दशरथ सगरे आणि मान्यवर.

टेक्निकल कॅम्पसमध्ये कार्यरत असणाऱ्या स्वतंत्र प्लेसमेंटचे यशोदाक अभ्यासक्रम पूर्ण होईपर्यंत विद्यार्थ्यांना विविध ट्रेनिंग प्रोग्राम्सद्वारे कौशल्य विकासावर काम करतो. कौशल्य विकासाच्या कार्यशाळा पूर्ण झाल्यानंतर कॅम्पस प्लेसमेंट ड्राईव्हचे आयोजन करण्यात येते.

उच्चतम शैक्षणिक वातावरण यामुळेच प्लेसमेंटच्या संदर्भात यश साधून करता येते. विद्यार्थ्यांच्या या प्लेसमेंटसाठी ट्रेनिंग अँड प्लेसमेंट ऑफिसर गुणार शेंडे आणि प्लेसमेंट कॉर्निटोरिअरी प्रयत्न केले. कॅम्पस प्लेसमेंटमुळे मुलाखतीमध्ये यश मिळवणाऱ्या विद्यार्थ्यांचे संख्येचे संव्याक अत्यक्ष प्रा. दशरथ सगरे, उपाध्यक्ष प्रा. अजिंक्य सगरे, संख्येचे सल्लागार समिती सदस्य संजय मोरे, संख्येचे सल्लागार, प्राचार्य, कुलसचिव, विभाग प्रमुख आदींनी विशेष कोतुक केले आणि भावी वाटचालीसाठी शुभेच्छा दिल्या.

Smart Satara Edition
Jun 23, 2023 Page No. 4
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'यशोदा'त टेक्निकल इव्हेंट उत्साहात

लोकमत न्यूज नेटवर्क सातारा : बदलत्या शिक्षण पद्धतीमध्ये कॉलेज इव्हेंट्स विद्यार्थ्यांमध्ये नवीन कल्पना तयार करण्यासाठी आणि त्यांच्या ज्ञानावर विचारमंथन करण्यासाठी उपयोगी ठरतात. यशोदा टेक्निकल कॅम्पसच्या एमसीए विभागाने डीकोट २०२३ इव्हेंट आयोजित केला होता. ही अनेक तांत्रिक आणि गैरतांत्रिक कार्यक्रमांसह विभागीय आणि आंतरमहाविद्यालयीन स्तरावरील स्पर्धा होती.

यावर्षी इव्हेंटमध्ये त्रिविध विद्याशाखांमधील सहभागाचा समावेश होत. सर्व महाविद्यालयातील अडीचशे सहभागांच्या नावनिवर्णिसह प्रतिसाद मिळाला होता. वेब डिझायनिंग, प्रत्ययनूषंग स्पर्धा, सी आणि सी प्रोग्रामिंग, प्रोजेक्ट आणि पोस्टर प्रेजेंटेशन, मेहंदी स्पर्धा आणि रंगोळी स्पर्धा यासारख्या कार्यक्रमांचा समावेश होत. या कार्यक्रमात विविध उद्योजकांनी प्रायोजित केले होते.

या उपक्रमात विद्यार्थ्यांनी कलागुणांना वाट भोकळी करून दिली. विद्यार्थ्यांमध्ये नावीन्यपूर्ण कल्पना, वैविध्यपूर्ण विचारशक्तीचे हे खुले प्रदर्शन अनेकांना प्रोत्साहन देणारे ठरले. सातारासह परिसरातून विविध महाविद्यालयातील विद्यार्थ्यांनी सदस्या कार्यक्रमांमध्ये यश साधून केले. त्यांना पारितोषिक देऊन गौरविण्यात आले. उपक्रमासाठी संस्थापक अध्यक्ष प्रा. दशरथ सगरे, उपाध्यक्ष प्रा. अजिंक्य सगरे यांनी ङोतुक केले. संचालक डॉ. व्ही.के. रेदामनी यांनी महाविद्यालयाचा परिचय करून दिला. प्रा. डॉ. आर.जी. पवार यांनी विचार व्यक्त केले. डॉ. सुनीता जाधव यांनी प्रारंभिक केले. (वा.प्र.)

Hello Satara

YASHODA SHIKSHAN PRASARAK MANDAL'S YASHODA TECHNICAL CAMPUS, SATARA FACULTY OF MCA

STUDENT ACHIEVEMENTS A.Y. 2023-24

CONGRATULATIONS

MCA-II RANKERS

Ms. Pradnya Mane
1st RANK (80%)

Ms. Sakshi Lahute
2nd RANK (78%)

Ms. Shrutti Kothambire
3rd RANK (77%)

WARMEST CONGRATULATIONS ON YOUR ACHIEVEMENTS! WISHING YOU EVEN MORE SUCCESS IN FUTURE.

More Information
MCA HOD Email: mcahod_ytc@yes.edu.in
Contact us on: 9850944280 | 7057995337 | 9970024198

Visit us on: www.yes.edu.in Email us on: admissionssupport@yes.edu.in

Frequently asked questions for MCA Admission Process

Que. 1) I did not have Math at 10+2 level. Can I still apply for the MCA Admission?

Answer:

Even if you did not have Math at 10+2 level, you can still apply for the MCA Admission.

Que. 2) I have not the background of IT am i eligible for the MCA Admission?

Answer:

If you do not have an IT background then also you will be eligible for MCA admission it is now multidisciplinary course, and also in your curriculum the bridge course has provided to you so it gave you the ease in understanding of your course.

Que. 3) What career options are opened after MCA?

Answer:

- o Network Administrator
- o Software Developer
- o Systems Analyst
- o Database Administrator
- o Web designing specialist
- o Techno-Marketing
- o Software Tester
- o Project Manager

Que. 4) How do I decide which college to apply?

Answer:

Though you may have your own preferences, we would suggest you to choose according to your area/location, reputation of the college and syllabus.

Que.5) What if I missed the MCA CET Exam? Can I still eligible for MCA Admission?

Answer:

No, you can't there is no any (MAMI) examination as an alternative if you missed the MCA CET Entrance examination.

Que.6) What are the subjects offered under the MCA Course?

Answer:

There are various subjects offered under the MCA Course following is the list of subjects:

Introduction to python programming, Computer architecture and operating system , Relational Database Management System, Statistical and mathematical Foundation , Principles of management and Organizational Behavior, Knowledge Management, Web Technology Big Data Management , Data Communication and Networking, Software Engineering and Project management, Java Programming, Data Analytics, Cyber Security, Cloud Computing, Entrepreneurship Development, Artificial Intelligence, Advance Java Programming, Internet of Things, Research Methodology, Blockchain Technology.

Que.7) Can Arts and Commerce Students eligible for the MCA Program?

Answer:

Yes arts and commerce students can be eligible for MCA course the course is now multidisciplinary hence the Arts and Commerce students can apply for MCA Course.



Dear Readers, Editorial board welcomes articles and contents for next issue of MCA-Times Magazine.

Yashoda Technical Campus, Satara Faculty of MCA

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